

# SEQUENCE LISTING

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<120> Bone Cement With Antimicrobial Peptides

<130> 702 002201

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<141> 1999-07-02

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<151> 1998-07-02

<160> 16

<170> MS Word 97 SR-2

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<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Obtained by direct synthesis.

Peptide is hydrophobic on one side and hydrophilic on the other.

<400> 1

Lys	Arg	Leu	Phe	Lys	Glu	Leu	Lys	Phe	Ser	Leu	Arg	Lys	Tyr
1				5					10				

<210> 2

<211> 14

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<213> Artificial Sequence

<220>

<223> Obtained by direct synthesis.

Peptide is hydrophobic on one side and hydrophilic on the other.

<400> 2

Lys	Arg	Leu	Phe	Lys	Glu	Leu	Leu	Phe	Ser	Leu	Arg	Lys	Tyr
1				5					10				

<210> 3

<211> 14

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<213> Artificial Sequence

<220>

<223> Obtained by direct synthesis.

Peptide is hydrophobic on one side and hydrophilic on the other.

<400> 3

Lys	Arg	Leu	Phe	Lys	Glu	Leu	Lys	Lys	Ser	Leu	Arg	Lys	Tyr
1				5					10				

<210> 4

<211> 14

<212> PRT  
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<220>  
<223> Obtained by direct synthesis.  
Peptide is hydrophobic on one side and hydrophilic on the other.

<400> 4  
Lys Arg Leu Phe Lys Glu Leu Leu Lys Ser Leu Arg Lys Tyr  
1 5 10

<210> 5  
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<220>  
<223> Obtained by direct synthesis.  
Peptide is hydrophobic on one side and hydrophilic on the other.

<220>  
<221> SITE  
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<220>  
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<400> 5  
Xaa Xaa Leu Phe Xaa Glu Leu Xaa Xaa Ser Leu Xaa Xaa Tyr  
1 5 10

<210> 6  
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<220>  
<223> Obtained by direct synthesis.  
Peptide is hydrophobic on one side and hydrophilic on the other.

<220>  
<221> SITE  
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<400> 6  
Xaa Xaa Leu Phe Xaa Glu Leu Leu Xaa Ser Leu Xaa Xaa Tyr  
1 5 10

<210> 7  
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<220>  
<223> Obtained by direct synthesis.  
Peptide is hydrophobic on one side and hydrophilic on the other.

<400> 7  
Lys Arg Leu Phe Lys Lys Leu Lys Phe Ser Leu Arg Lys Tyr  
1 5 10

<210> 8  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Obtained by direct synthesis.

Peptide is hydrophobic on one side and hydrophilic on the other.

<400> 8

Lys Arg Leu Phe Lys Lys Leu Leu Phe Ser Leu Arg Lys Tyr  
1 5 10

<210> 9

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Obtained by direct synthesis.

Peptide is hydrophobic at one end and hydrophobic at the other.

<400> 9

Leu Leu Leu Phe Leu Leu Lys Lys Arg Lys Lys Arg Lys Tyr  
1 5 10

<210> 10

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Obtained by direct synthesis, with replacement of the  
C-terminal carboxylic acid group.

<220>

<221> AMIDATION

<222> 14

<223> C-Terminus is modified.

<400> 10

Lys Arg Leu Phe Lys Glu Leu Lys Phe Ser Leu Arg Lys Tyr  
1 5 10

<210> 11

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Obtained by direct synthesis, with replacement of the  
C-terminal carboxylic acid group.

<220>

<221> AMIDATION

<222> 14

<223> C-Terminus is modified.

<400> 11

Lys Arg Leu Phe Lys Glu Leu Leu Phe Ser Leu Arg Lys Tyr  
1 5 10

<210> 12

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Oligomer  
Obtained by direct synthesis, followed by conversion to oligomer by air oxidation.

<400> 12  
Lys Arg Lys Phe His Glu Lys His His Ser His Arg Gly Tyr Cys Cys  
1 5 10 15  
Tyr Gly Arg His Ser His His Lys Glu His Phe Lys Arg Lys  
20 25 30

<210> 13  
<211> 30  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Oligomer  
Obtained by direct synthesis, followed by conversion to oligomer by air oxidation.

<400> 13  
Tyr Gly Arg His Ser His His Lys Glu His Phe Lys Arg Lys Cys Cys  
1 5 10 15  
Lys Arg Lys Phe His Glu Lys His His Ser His Arg Gly Tyr  
20 25 30

<210> 14  
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<212> PRT  
<213> Artificial Sequence

<220>  
<223> Obtained by direct synthesis followed by the use of the Multiple Antigenic Peptide (MAP) strategy.

<220>  
<221> MOD\_RES  
<222> 14  
<223> Peptides linked by lysine-amide to form oligomer.

<400> 14  
Lys Arg Lys Phe His Glu Lys His His Ser His Arg Gly Tyr  
1 5 10

<210> 15  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Obtained by direct synthesis followed by the use of the Multiple Antigenic Peptide (MAP) strategy.

<220>  
<221> MOD\_RES  
<222> 14  
<223> Peptides linked by lysine-amide to form oligomer.

<400> 15  
Lys Arg Leu Phe Lys Glu Leu Lys Phe Ser Leu Arg Lys Tyr  
1 5 10

<210> 16  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Obtained by direct synthesis followed by the use of the  
Multiple Antigenic Peptide (MAP) strategy.

<220>  
<221> MOD\_RES  
<222> 14  
<223> Peptides linked by lysine-amide to form oligomer.

<400> 16  
Lys Arg Leu Phe Lys Lys Leu Lys Phe Ser Leu Arg Lys Tyr  
1 5 10